

## ABSTRACT OF THE DISCLOSURE

The present invention provides a system and method for providing real-time wireless network monitoring and intrusion detection. The present invention profiles wireless devices and maintains a database of known/authorized wireless device profiles.

- 5 Wireless devices are analyzed to determine the threat level they pose to the network, and if the threat level exceeds a predetermined threshold, the invention refuses to bridge the network traffic from the wireless devices to the wired network. The present invention provides reporting of the wireless network activity, the known and unknown wireless devices, and the threat levels posed by the wireless devices. If an unknown wireless
- 10 device is determined to be, or may be, a wireless access point, an alert is generated, such as notifying a system administrator to take appropriate action.